

# Conventional Vertical Milling Machines

## SBF 40 TV 1000



### SKU : 101573

The SBF is a drilling and milling machine in the best way. It is ideal as a drill with a powerful drive and a wide speed range. You can also use this machine to mill steel and non-ferrous metals. This makes the SBF 40 a drill with additional benefits at an unbeatable price.

- Infinitely variable feed on X axis
- Automated drilling feed with depth display
- Gearbox milling head for powerful machining
- Swiveling head for wide range of applications

## TECHNICAL SPECS

### WORKING AREA

Table set up area	730 mm x 210 mm
Table load capacity (max.)	100 kg
Number of table T-slots	3 positions
T-slot table (width x spacing)	14 mm x 63 mm
T-slot foot (qty)	2 positions
T-slot foot (width x spacing)	14 mm x 200 mm
Quill stroke	120 mm
Throat	278 mm
Column diameter	115 mm
Spindle nose-to-table surface distance	600 mm
Spindle nose-to-foot distance	1180 mm
Drilling capacity in steel / ST37	40 mm
Head swivel range	± 45°
Tapping capacity, steel	(ST 37) M16

### TRAVELS

Travel X-axis	500 mm
Travel Y-axis	190 mm
Z1 / Z2 axis travel	530 mm

### HEADSTOCK

Speed range	75 1/min - 3200 1/min
Spindle mount	MK 4 DIN 228

### RAPID FEED

Rapid feed	600 mm/min
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### FEED

Work feed	0 mm/min - 420 mm/min
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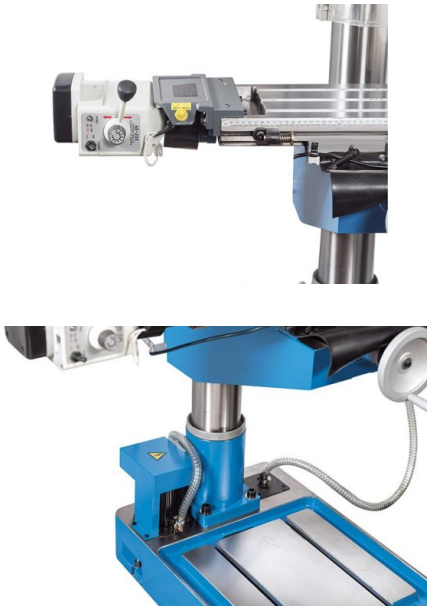
### DRIVE CAPACITY

Main motor rating	1,5 / 1,1 kW
Motor rating coolant pump	0.04 kW

### MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	0.83 m x 0.76 m x 1.85 m
Weight	390 kg

## PRODUCT DETAILS



- Drilling and Milling - a true added value for a low price
- Large compound sliding table with automatic infinitely variable feed on X-axis for coordinate drilling and light milling work
- Quiet operation with oil-bath lubricated gears for long tool life and durability
- The milling machine's high-quality spindle bearing can withstand higher loads for the long term
- Manual drill feed can be switched to high-precision feed via a hand-wheel
- Controllable automatic feed with 3 gear steps
- Adjustable height of gear head and table
- Table guides are adjustable with high precision via taper gibs
- Gear head swivels to both sides
- Cutter mounts are secured by an M16 drawbar
- Tapping feature
- Integrated coolant system

## STANDARD EQUIPMENT



Thread cutting function  
Table feed TV 1000  
Draw bar  
Drill chuck  
Tool-holder bits  
Coolant system  
Operator manual



## KNUTH on YouTube Information to the point

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**Are you interested in a machine for which you cannot find a current video?  
Please feel free to contact us!**